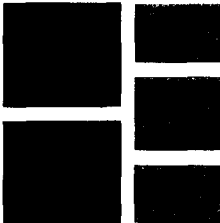


RECEIVED

AUG 6 1984

DIVISION OF OIL
GAS & MINING



boswell energy

August 2, 1984

Utah Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: North Spring Creek Federal #1
Section 21, T26S, R15E
Emery County, Utah

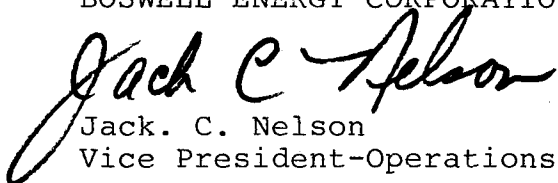
Gentlemen:

Enclosed are three (3) copies of the Utah Application
for Permit to Drill (Form OGC-1a) on the referenced lease.

Should you require additional information please contact
Gordon Engineering, Inc., P.O. Box 3525, Grand Junction, Co.
81502.

Yours very truly,

BOSWELL ENERGY CORPORATION



Jack. C. Nelson
Vice President-Operations

JCN/jnb
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-48339

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

Boswell Energy Corporation

3. Address of Operator

6600 North Harvey, Suite 100, Oklahoma City, OK 73116

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL, 1977' FEL

At proposed prod. zone

N/A

14. Distance in miles and direction from nearest town or post office*

30 miles south of Green River, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

660

16. No. of acres in lease

6720±

17. No. of acres assigned
to this well

40

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

None

19. Proposed depth

4,850'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5,073' G.R.

22. Approx. date work will start*

October 1, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
18"	14"	Conductor	40	50 sx Redi-Mix
12 1/2"	9-5/8"	36# K-55	0-1150	400 sx - circ. to surface
8-3/4"	5-1/2"	17# N-80	0-4850	325 sx - fill to 2,500'

We propose to rig up and drill a Mississippian Leadville test to 4,850'. Three drill stem tests are proposed and any significant shows will be tested.

Lease Information:

T26S, R15E, SLB&M

Section 15, 17, 21, 22, 23, 24, 25, 26, 27, 28 and E 1/2 Section 29

Contact Person:

John I. Gordon

Gordon Engineering, Inc.

P.O. Box 3525

Grand Junction, CO 81502

Telephone (303) 245-1958

RECEIVED

AUG 6 1984

DIVISION OF OIL
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

John C. Nelson

Title: V. President-Operations

Date: August 2, 1984

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

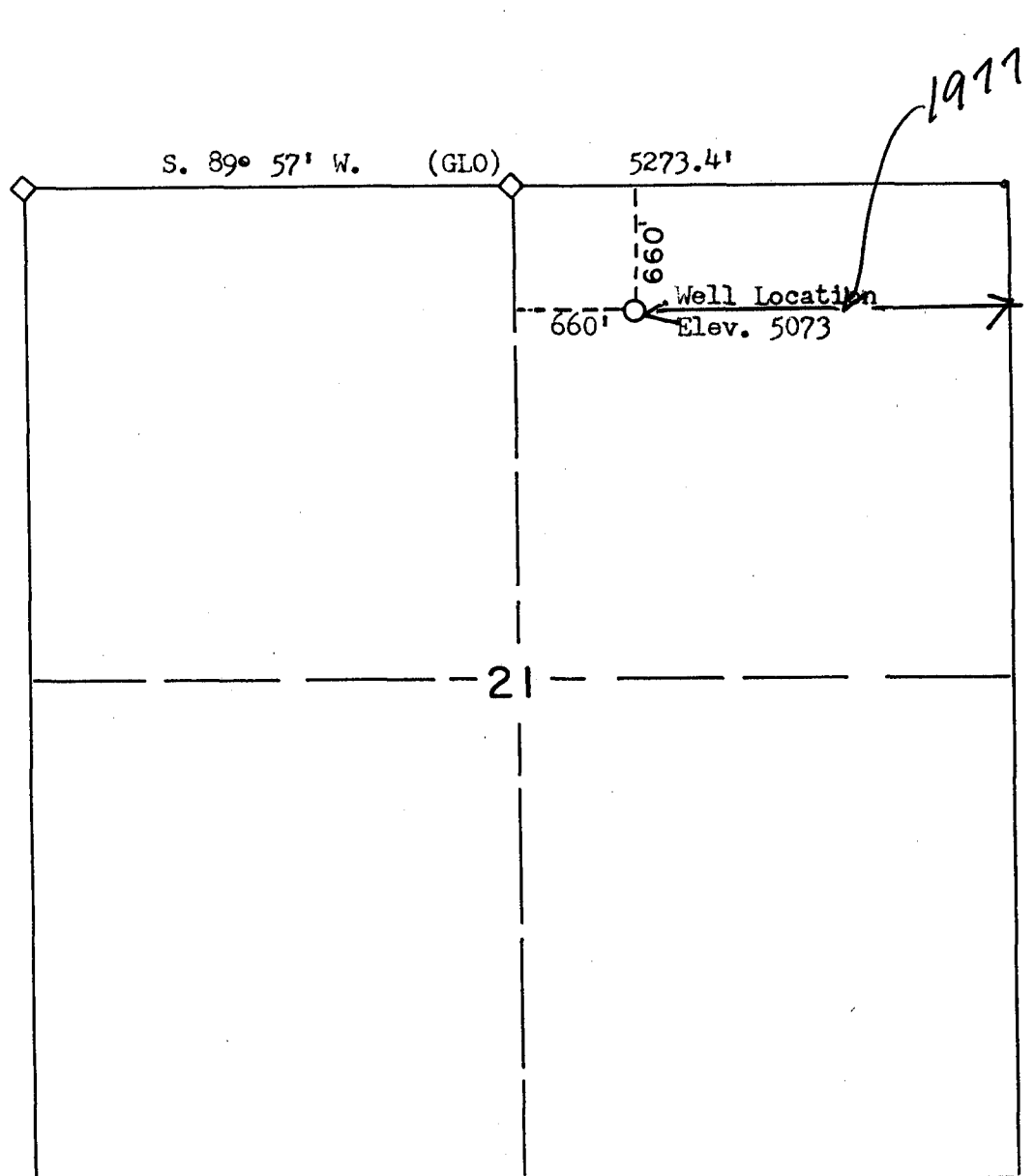
Conditions of approval, if any:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/8/84
BY: *[Signature]*

*See Instructions On Reverse Side

SURVEY PLAT OF WELL LOCATION

NORTH SPRING CREEK FED. No. 1



0 1000
SCALE: 1" = 1000 Ft.

◇ Found GLO Brass Cap

DESCRIPTION OF WELL LOCATION

660 Ft. East of the Center of Section Line and 660 Ft. South of the North Line of Section 21, T. 26 S., R. 15 E., Salt Lake Meridian, Emery County, Utah.

SURVEYOR'S CERTIFICATE

I, Edward F. Carpenter, do hereby certify that the Well Location as described above was surveyed as described and is to my knowledge accurate and complete. All work was done by me or under my direct supervision. In witness whereof I have set my hand and seal on the 22nd day of June 1984.

Edward F. Carpenter, Registered
P. E. & L. S. No. 5812

SEAL

GORDON ENGINEERING, INC. ENGINEERING - SURVEYING	
Date	
Drawn by R. Oliver	
Survey Date 6/1/84	Sheet 1 of
	Job No.

BOSWELL ENERGY CORP.

NORTH SPRING CREEK FEDERAL
#1

EMERY COUNTY, UTAH

DRILLING PROGRAM

1. SURFACE FORMATION AND ESTIMATED FORMATION TOPS:

Entrada	Surface
Navajo, Kayenta, Wingate	25'
Chinle	1104'
Shinarump	1504'
Moenkopi	1574'
Sinbad	1785'
White Rim	1960'
Hermosa	3210'
Paradox	4000'
Mississippian	4600'
Leadville	4675'
TD	4850'

2. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER, OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

	<u>Formation</u>	<u>Depth</u>
Expected oil zones:	Paradox	4000'
	Leadville	4675'
Expected gas zones:	Hermosa	3210'
	Paradox	4000'
	Leadville	4675'
Expected water zones:	Base of Wingate	1104'
	Paradox (salt water)	4000'
Expected mineral zones:	Shinarump (uranium)	1504'

Any shallow water sands will be cased off and cemented. All lower potential gas productive intervals will be cased and cemented.

3. PRESSURE CONTROL EQUIPMENT:

A diagram illustrating the pressure control equipment is attached. BOP equipment will consist of a flanged 10" series 900 hydraulically actuated double gate system complete with blind rams and 4½" pipe rams. Remote controls for the system will be operational and hand wheels installed. A 10" series 900 rotating head will be installed. Blowout preventors and the choke manifold will be installed after running and cementing surface casing. This equipment will be used continuously until the well is abandoned or production casing run and cemented for completion. Surface casing, the blind rams, and

pipe rams will be pressure tested to 1000 psig prior to drilling the plug. During drilling, the operation of this equipment will be inspected daily and the pipe rams checked for operation. The blind rams will be closed every trip when the drill string has been removed. All inspections, operations, and tests of this equipment will be recorded daily on the drilling report and the San Rafael Resource Area will be notified 24 hours in advance of any pressure tests.

Other:

Auxiliary equipment will include a float at the bit, kelly cock, and a full opening pipe valve on the floor. A mud pump and a mud tank will be on location with a sufficient volume of mud to control or kill the well should an emergency arise.

4. CASING PROGRAM AND AUXILIARY EQUIPMENT:

Surface casing will be new 9-5/8" outside diameter, 36#/ft, J-55 or K-55 grade, Range 3 casing from 0 to 1,150'. It will be cemented to surface with a sufficient quantity of regular cement to circulate cement from the bottom to the top.

Production casing will be new 5-1/2" outside diameter, 17#/ft K-55 grade, Range 3 casing set from 0 to 4850'. It will be cemented with regular Class G or Class H cement and will have approximately 2,500' of fill up.

Wellhead equipment will be a 3,000# working pressure flanged bradenhead for the 9-5/8" surface casing. A flanged 3,000# working pressure tubing spool will be used for a tubing head.

5. MUD PROGRAM AND CIRCULATING MEDIUM:

Air and air mist will be used to drill the surface hole to 1,150'. Air, air mist or aerated mud will be used to drill from 1,150' to the top of the Paradox Salt at approximately 4,000 feet. Salt base gel mud will be used from 4,000' to 4,850'; weight 8.9-9.0, viscosity 33-35, water loss 6-8. Water will be injected into the blooie line for fugitive dust mitigation.

6. CORING, TESTING, AND LOGGING PROGRAM:

Three DST's are anticipated. No cores will be taken. Open hole logs will be run from the base of the surface pipe to TD. Proposed logs are:

Dual induction laterolog	1,150-4,850'
BHC acoustic-compensated neutron	1,150-4,850'

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURES AND POTENTIAL HAZARDS:

Maximum pressure anticipated is 2,000 psig in the Mississippian leadville formation and should not require more than normal mud weight for control. No abnormal temperatures or hydrogen sulphide are anticipated.

8. ANTICIPATED STARTING DATES AND NOTIFICATIONS OF OPERATIONS:

Anticipated starting date is October 1, 1984 and it is expected that the duration of operations will be up to 120 days for drilling and completion.

The operator will contact San Rafael Resource area at (801) 637-4584 forty eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the Bureau of Land Management District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

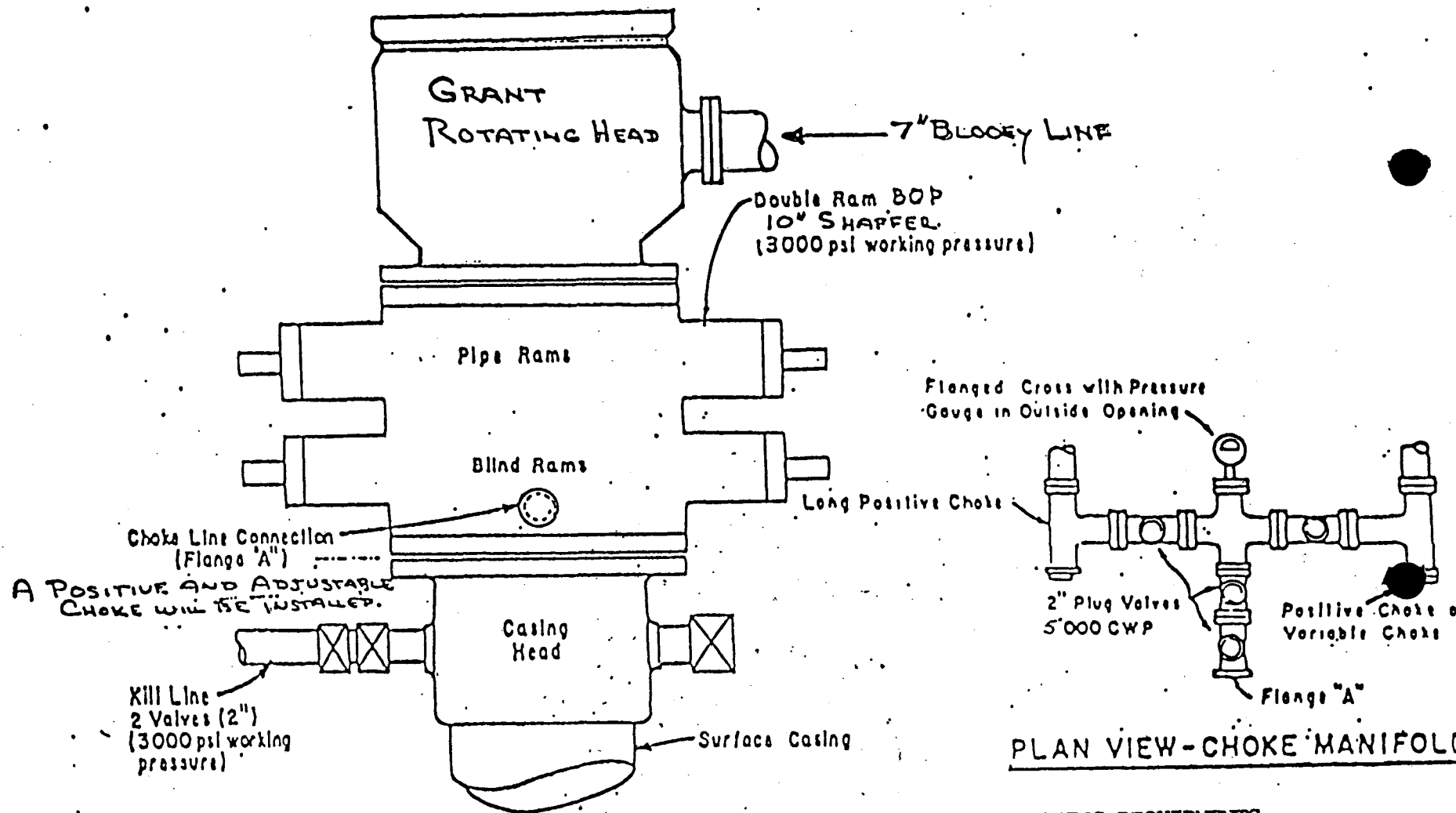
No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Reprot of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty (30) days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed after contouring. The top of the marker will be closed or capped and the following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

" "Fed" or "Ind", as applicable. "Well number, location by $\frac{1}{4}$ section, township and range". "Lease number".

The Bureau of Land Management wishes to use this well as a possible water source if the well is dry.



TESTING REQUIRMENTS

Pipe rams: operated daily

Blind rams: operated and closed
every opportunity.

Accumulation: Checked daily

OPERATOR Boswell Energy Corp DATE 8-7-84
WELL NAME North Spring Creek Fed. #1
SEC NWN 21 T 26S R 15E COUNTY Emery

43-015-30205
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NLD

☐☐

PI

PROCESSING COMMENTS:

No other wells
Need water permit

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

August 8, 1984

Boswell Energy Corporation
6600 North Harvey, Suite 100
Oklahoma City, Oklahoma 73116

Gentlemen:

RE: Well No. North Spring Creek Federal #1 - NWNE Sec. 21, T. 26S, R. 15^E,
660' FNL, 1977' FEL - Emery County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30205.

Sincerely,

Original Signed by Ronald J. Firth

R. J. Firth
Associate Director, Oil & Gas

RJF/as
Enclosures

cc: Branch of Fluid Minerals

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Boswell Energy Corporation

3. ADDRESS OF OPERATOR

6600 North Harvey, Suite 100, Oklahoma City, OK 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface
660'FNL, 1977'FEL

At proposed prod. zone

N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles south of Green River, Utah

DIVISION OF OIL

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660

16. NO. OF ACRES ASSIGNED
TO THIS WELL

6720±

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

4850

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,073'G.R.

22. APPROX. DATE WORK WILL START*

October 1, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	14"	Conductor	40	50 sx Redi-Mix
12 1/4"	9-5/8"	36# K-55	0-1150	400 sx - Circulate to surface
8-3/4"	5-1/2"	17# N-80	0-4850	325 sx - fill to 2,500'

We propose to rig up and drill a Mississippian Leadville test to 4,850'. Three drill stem tests are proposed and any significant shows will be tested.

Operations will commence on or before October 1, 1984 and will last for approximately 120 days.

CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Jack C. Nelson*TITLE V. President-Operations DATE August 2, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Kenneth V. Rhea

APPROVED BY

TITLE

DISTRICT MANAGER

DATE

09 OCT 1984

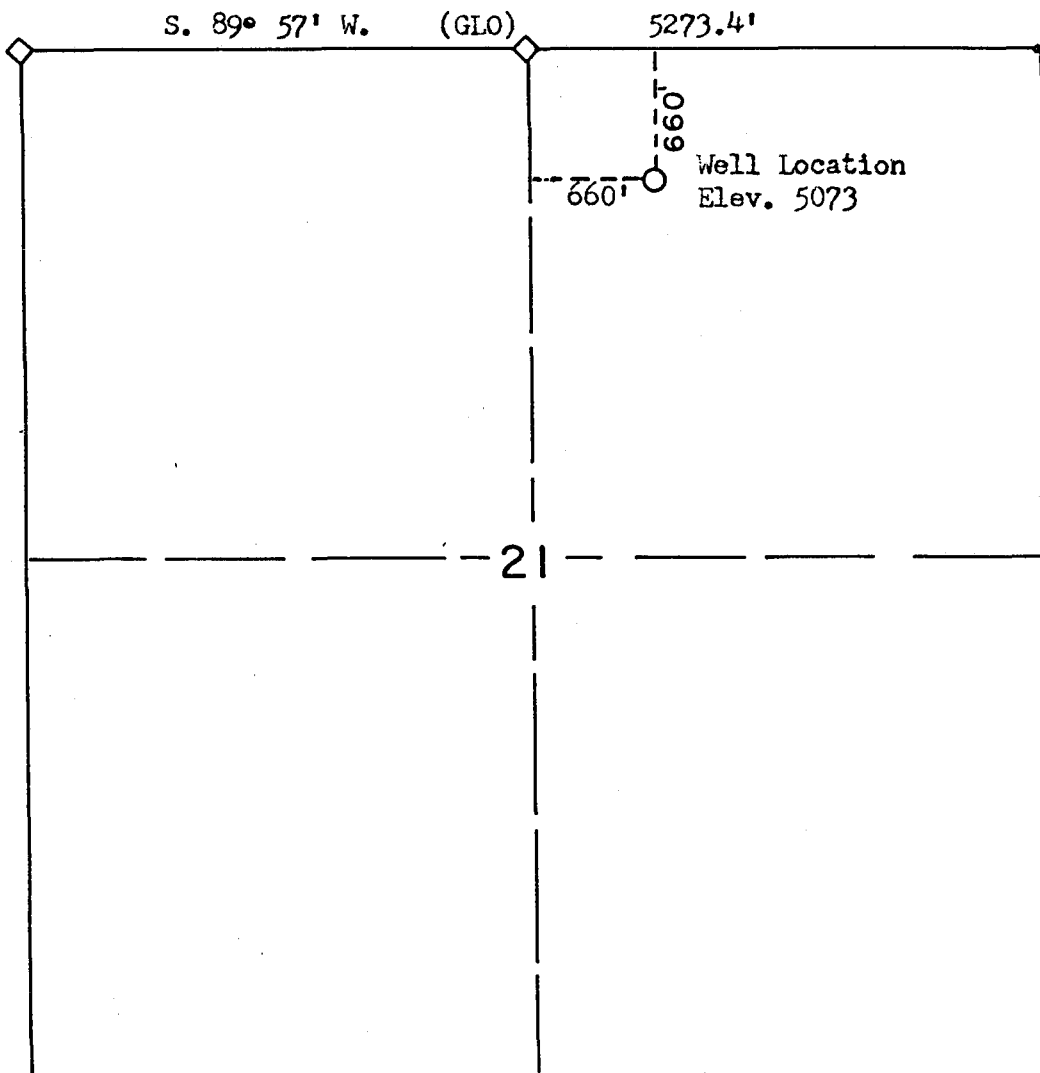
CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

SURVEY PLAT OF WELL LOCATION

NORTH SPRING CREEK FED. No. 1



0 1000
SCALE: 1" = 1000 Ft

◇ Found GLO Brass Cap

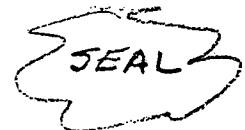
DESCRIPTION OF WELL LOCATION

660 Ft. East of the Center of Section Line and 660 Ft.
South of the North Line of Section 21, T. 26 S., R. 15 E.,
Salt Lake Meridian, Emery County, Utah.

SURVEYOR'S CERTIFICATE

I, Edward F. Carpenter, do hereby certify that the Well Location as described above was surveyed as described and is to my knowledge accurate and complete. All work was done by me or under my direct supervision. In witness whereof I have set my hand and seal on the 22nd day of June 1984.

Edward F. Carpenter, Registered
P. E. & L. S. No. 5812



GORDON ENGINEERING, INC. ENGINEERING - SURVEYING	
Date	
Drawn by R. Oliver	
Survey Date 6/1/84	Sheet 1 of 3 Job No.

Boswell Energy Corporation
Well No. North Spring Creek Federal 1
NWNE Sec. 21, T. 26 S., R. 15 E.
Emery County, Utah
Lease U-48339

Supplemental Stipulation:

- 1) If water is encountered in the Navajo, a sample will be obtained and submitted to the Moab District Office, Branch of Fluid Minerals for analysis. If the well contains no commercial hydrocarbons, the Bureau of Land Management may wish to obtain the well for a water supply.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-015-30205

NAME OF COMPANY: BOSWELL ENERGY COMPANY

WELL NAME: North Spring Creek Federal #1

SECTION NW NE 21 TOWNSHIP 26S RANGE 15E COUNTY Emery

DRILLING CONTRACTOR Veco

RIG # 3

SPODDED: DATE 12-13-84

TIME 10:30 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY A. N.Yates

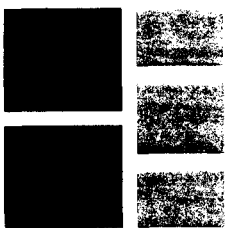
TELEPHONE # 245-1958

DATE 12-14-84 SIGNED CJ

RECEIVED

JAN 10 1985

DIVISION OF
OIL, GAS & MINING



boswell energy

January 7, 1985

WILLIAM B. CLEARY
President

State of Utah
Natural Resources Department
4241 State Office Building
Salt Lake City, Utah 84114

Lease #U-48339

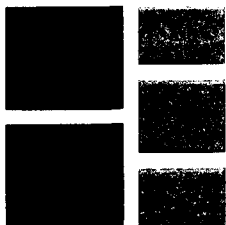
Gentlemen:

In regards to our permit to drill our North Spring Creek Federal #1, Section 21-26S-15E, Emery County, Utah we request that all information submitted to you be held confidential.

Yours very truly,

Jack C. Nelson
Jack C. Nelson
Vice President - Operations

JCN/1a



boswell energy

February 19, 1985

WILLIAM B. CLEARY
President

RECEIVED

FEB 25 1985

DIVISION OF OIL
& GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 841801203

Re: North Spring Creek Federal #1
Section 21, T26S, R15E
Emery County, Utah

Gentlemen:

Enclosed are copies of Report of Water Encountered During
Drilling, Sundry Notice and Well Completion Report on the
referenced lease.

Should you require additional information please contact
Gordon Engineering, Inc., P.O. Box 3525, Grand Junction, Co.
81502.

Yours very truly,

BOSWELL ENERGY CORPORATION

Jack C. Nelson
Vice President - Operations

JCN/jnb
enclosure

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR

Boswell Energy Corporation

3. ADDRESS OF OPERATOR

6600 North Harvey, Suite 100, Oklahoma City, OK 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660'FNL, 1977'FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,073' GR

5. LEASE DESIGNATION AND SERIAL NO.

U-48339

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

North Spring Creek

9. WELL NO.

Federal #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21, T26S, R15E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☒
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☒
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spudded 12/13/84, TD 1/18/85, D & A

Casing: 1,150' 36# K-55 set with 545 sx Class H and 3% CaCl₂.

Set cement plugs at 6,166 - 5,950', 75 sx

4,450 - 4,300', 50 sx

3,450 - 3,300', 50 sx

2,350 - 2,200', 125 sx

1,250 - 1,100', 50 sx

30 - 10', 10 sx

Drilling mud weight 10.1#/gal between plugs.

Operation complete 4:15AM 1/20/85

Dry hole marker set, pit fenced, mouse hole, rat hole and sanitation holes filled, and location policed on 1/25/85. Waiting on reserve pit to dry before starting on restoration of location and road.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3/1/85

BY: John R. Byrne

18. I hereby certify that the foregoing is true and correct

SIGNED

Jack C. Nelson

TITLE Vice President

DATE 02/19/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Boswell Energy Corporation						5. LEASE DESIGNATION AND SERIAL NO. U-48339	
3. ADDRESS OF OPERATOR 6600 North Harvey, Suite 100, Oklahoma City, OK 73116						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL, 1,977' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 43015-3030518-884						8. FARM OR LEASE NAME North Spring Federal	
DATE ISSUED 8-8-84						9. WELL NO. #1	
15. DATE SPUDDED 12/13/84						10. FIELD AND POOL, OR WILDCAT Wildcat	
16. DATE T.D. REACHED 1/18/85						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T26S, R15E, SLB&M	
17. DATE COMPL. (Ready to prod.) P&A 1-20-85						12. COUNTY OR PARISH Emery	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5,082' K.B.						13. STATE Utah	
19. ELEV. CASINGHEAD 5,073'							
20. TOTAL DEPTH, MD & TVD 6,166'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0 - 6,166'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Plugged and abandoned						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC/GR, dual laterolog, cyberlog						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9-5/8"	36# K-55	1,150'	12 1/4"	545 sx class H		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
None					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
None				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				None			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None						P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Jack C. Nelson		Vice President				02/19/85	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No cores or DSTs.
			Cement plugs set at: 6,166 - 5,950', 75 SX 4,450 - 4,300', 50 SX 3,450 - 3,300', 50 SX 2,350 - 2,200', 125 SX 1,250 - 1,100', 50 SX 30 - 10', 10 SX Drilling mud weight 10.1#/gal between plugs

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Triassic			
GlenCanyon Group	Surface		
Shinarump	1,526'		
Moenkopi	1,578'		
Sinbad	1,916'		
Permian			
White Rim	2,091'		
Cutler	2,530'		
Pennsylvanian			
Hermosa, Honaker Trail	3,381'		
Paradox Ismay	4,371'		
Paradox	4,583'		
Paradox Salts	4,992-5,000'		
	5,388-5,430'		
	5,500-5,503'		
Mississippian			
Leadville (Red Wall)	5,975'		

Logs run: CNL/FDC/GR, dual laterlog and cyberlock

Log tops:

Triassic

Glencanyon Group	Surface
Shinarump	1,526'
Moenkopi	1,578'

Permian:

Sinbad	1,916'
White Rim	2,076'
Cutler	2,530'

Pennsylvanian:

Hermosa Monaker Trail	3,381'
Paradox Ismay	4,371'
Paradox	4,583'
Paradox Salts	4,992' - 5,000'; 5,388' - 5,430'; 5,500' - 5,503'

Mississippian:

Leadville (Red Wall)	5,975'
TD	6,166'

At 2,076' (top of Permian White Rim) strong water flow encountered. Estimated 400 bbl/hr. Sample caught and given to BLM for analysis.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number North Spring Creek Federal #1

Operator Boswell Energy Corporation

Address 6600 North Harvey, Suite 100, Oklahoma City, OK 73116

Contractor Veco

Address _____

Location NW 1/4, NE 1/4, Sec. 21; T. 26^{XX}_S; R. 15^E_{XX}; Emery County

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head -	Fresh or Salty -
1.	<u>431</u>	<u>Unknown</u>	<u>Unknown</u>
2.	<u>2076-2145</u>	<u>400 bbl/hr (est.)</u>	<u>Good fresh</u>
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on Reverse Side if Necessary)

<u>Formation Tops:</u> Navajo - surface	White Rim - 2,091'	Mississippian 5,975'
Shinarump - 1,526'	Cutler 2,530'	
Moenkopi - 1,578'	Honaker Trail - 3,381'	
Sinbad - 1,916'	Paradox 4,583'	

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 30, 1985

Boswell Energy Corporation
6600 North Harvey, Suite 100
Oklahoma City, Oklahoma 73116

Gentlemen:

Re: Well No. North Spring Creek Fed. 1 - Sec. 21, T. 26S., R. 15E.,
Emery County, Utah - API #43-015-30205

According to our records a "Well Completion Report" filed with this office February 19, 1985 on the above referenced well indicates the following electric logs were run: CNL/FDC/GR, Dual Laterolog, cyberlog. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than November 14, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/12